

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-17 (canceled)

Claim 18 (currently amended): A gel electrolyte secondary cell comprising:
a positive electrode;

a negative electrode comprising a current collector and a powder mixture composed of a ~~mesophase-graphite material~~ graphite material obtained from meso-carbon micro-beads and a binder, wherein the powder mixture is coated on the current collector at a thickness ranging from 10 μm to 200 μm , and wherein the ~~mesophase-graphite material~~ has a specific surface area that ranges from 0.1 m^2/g to 1.2 m^2/g ; and

a gel electrolyte comprising an electrolyte salt, a non-aqueous solvent and a high-molecular weight material having a number average molecular weight ranging from 5000 to 500000, wherein the non-aqueous solvent consists essentially of propylene carbonate and ethylene carbonate, and wherein the gel electrolyte is in contact with the positive electrode and negative electrode and disposed therebetween.

Claim 19 (previously presented): The gel electrolyte secondary cell according to claim 18 wherein the high-molecular weight material contains a nitrile group.

Claim 20 (previously presented): The gel electrolyte secondary cell according to claim 19 wherein the high-molecular weight material is polyacrylonitrile.

Claim 21 (previously presented): The gel electrolyte secondary cell according to claim 20 wherein a molar ratio of an acrylonitrile monomer to the non-aqueous solvent is 5:95 to 30:70.

Claim 22 (previously presented): The gel electrolyte secondary cell according to claim 18 wherein the electrolyte salt of the non-aqueous solvent is LiPF_6 and wherein the concentration of LiPF_6 with respect to non-aqueous solvent is 0.4 mol/cm^3 to 2 mol/cm^3 .

Claim 23 (previously presented): The gel electrolyte secondary cell according to claim 18 wherein the positive electrode contains a lithium-containing compound.

Claim 24 (currently amended): The gel electrolyte secondary cell according to claim ~~18-23~~ wherein the lithium-containing compound is a complex compound of lithium and a transition metal.

Claim 25 (currently amended): The gel electrolyte secondary cell according to claim 18 wherein the non-aqueous solvent includes 10 mol% to 35 mol% ~~or less of~~ propylene carbonate.